

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of: Yong Seok SEO, et al.  
Serial No.: New Application      Group Art Unit: Not Yet Assigned  
Filed: December 15, 2003      Examiner: Not Yet Assigned  
Title: METHOD FOR EMBEDDING AND EXTRACTING DIGITAL WATERMARK ON  
LOWEST WAVELET SUBBAND

\* \* \* \* \*

**INFORMATION DISCLOSURE STATEMENT**

Honorable Commissioner for Patents      December 15, 2003  
PO Box 1450  
Alexandria, VA 22313

Sir:

As a means of complying with the duty of disclosure under 37 CFR §1.56, and in accordance with 37 CFR §§1.97 and 1.98, Applicant(s), through the undersigned attorney, submits this Information Disclosure Statement. The patents, publications or other information submitted herewith are listed on the attached Form PTO-1449 and copies are attached.

In accordance with 37 CFR §1.97(b)(1) or (2), this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, or within three months of the date of entry into the national stage of the above-identified application as set forth in 37 CFR §1.491. Accordingly, no fee is required.

Respectfully submitted,

JACOBSON HOLMAN PLLC

By: \_\_\_\_\_



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## LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.: P69383US0 GROUP ART UNIT: Not Yet Assigned  
 SERIAL NO.: New Application FILING DATE: December 15, 2003  
 APPLICANT(S): Yong Seok SEO, et al. TODAY'S DATE: December 15, 2003

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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	INT'L CLASS	SUB- CLASS	FILING DATE (If Appropriate)
AA						
AB						
AC						

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## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	INT'L CLASS	SUB- CLASS	TRANSLATION (YES) (NO)
AD					
AE					

\*\*\*\*\*

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AF Sanghyun JOO, et al.; "A New Robust Watermark Embedding into Wavelet DC Components"; ETRI Journal, Volume 24, Number 5; October 2002; pp.401-404.

EXAMINER

DATE CONSIDERED

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).